VERIFICATION OF TRANSLATION

I, Toshimasa Hirano of 11-3, Nishi-shinjuku 7-chome, Shinjuku-ku, Tokyo, Japan, am the translator of the documents attached hereto and state that the following is a true translation, to best of my knowledge and belief, of the application documents of Japanese Patent Application No. PCT/JP2003/016538.

At Tokyo on this 6th day of June 2005

Toshimasa Hirano

Toshimasa Hirano

Written Opinion of International Preliminary Examining Authority	International Application Number PCT/JP03/16538

Supplement Column

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Continuation of No. V. 2

· Claims 6-8, 10-12, 15-17, 25, 26, 42, 43, 46-48, 51

Said Document 1 describes the following.

Server that is dynamically assigned with IP address (referred as "management target server" hereinafter) sends identification information about itself (ID and password) to IP address information notification server (referred as "management server" hereinafter), the management server that received the identification information authenticates the management target server based on the identification information, and when it succeeds in authentication, it sends cryptography key to the management target server and register the identification information and the cryptography key.

When the management server perform health check of the management target server, it sends random value r to the management target server and calculates function value y (equivalent to "arbitrary information" in claim 8 of the present application) based on the cryptography key and the random value r.

Management target server that received the random value r (equivalent to "response request" in claim 6 of present application) calculates function value y' from the cryptography key and the random value r and return the function value y' (equivalent to "countersign" in claim 12 and 42 of present application) to the management server.

The management server that received the return of the function value y' from the management target server compares the function value y' and the function value y calculated by itself, and when they match, the management target server that returned the function value y' is the registered management target server, in other words, when confirmed as true management target server and they don't match, the registered management target server is determined to be disconnected. (ref. paragraph 0019 to 0031 of said Document 1).

The processing at health check time in said Document 1, when management server sends random value r, management target server returns function value y', and, at the management server, compares function value y calculated by itself and function value y' returned by the management target server and confirms reachability of management target server, so the communication processing at health check time is equivalent to "communication using a previously agreed method" in claims 12 and 42 and so on.

· Claim 19

Network management using SNMP is generally done.

· Claims 22, 23

Notifying an originator number and performing open/close connection is generally done.

Written Opinion of International Preliminary Examining Authority	International Application Number PCT/JP03/16538

Inadequacy of International Application

The following inadequacies were found concerning the form or contents of the present international application.

1. The invention in Claim 49 cites the invention in claim 49 itself, so the invention is unclear.

This written opinion perceived the invention in claim 49 as "Communication node according to any of Claims 42 to 47 for sending a carry signal that carries self-identifying information as a reply that should be made, to a sign."

2. The following description at line 22-23 of the 36th page of Specification is unclear.

"In this case, T (4100) only need extract a reply that ought to be made indicating the target T (4100) from the reply made by the intermediate node."